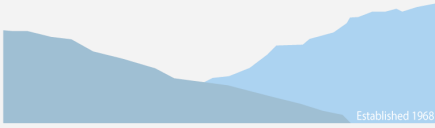


Cracklin' Static

November 2022 Edition



SIERRA NEVADA
Amateur Radio Society

**In-person and
virtual meeting
November 5, 8
AM. for details
see pg 4 ...**

SNARS NET on DMR – Tuesdays 8pm
DMR Talk Group: 31328 SNARS

SNARS Treasury Closing Balances From As of 10/30/22

Account	
Operating	\$10,176
Savings	\$7,485
Self Insurance	\$15,990
PayPal	\$837
Convention	\$4,212

Total **\$38,700**

Net Monthly **-\$5,431**
Net YTD **-\$8,539**

(We bought two more repeaters)

SNARS Renewals 13

SNARS Membership as of 10/30/22

Extra	139	33%
Technician	135	32%
General	123	29%
Advanced	15	04%
No License	8	02%
Total	405	

SNARS ARRL Members as of 10/30/22

Regular	259	62%
Life	34	8%

PRESIDENT'S VOICE

President John Miller, N7JDM

Email: jmil912@gmail.com



November already? My how times flies. Saw a dusting of snow on Slide Mt. so winter can't be far behind. Our new repeaters have been configured and are ready to be installed at the various sites. With only one or two techs that are capable and available to do the work, the work has to be done around their work and family schedules.

It's unfortunate that there are club members who have the necessary background and could help out and be brought up to speed so they can jump in and get some of the work done, but have so far remained silent. Until that changes the work will get done when it can.

If you know someone who fits the requirement for the tech team, poke 'em in the the ribs. If you are that person, please consider putting your skills to work to better the club as a whole.

73, John N7JDM



PO BOX 7727 Reno NV 89510
Yearly Dues: \$40.00 Individual • \$50.00 Family
775.453.4142 <http://snars.org>

2022 Officers

President.....John Miller N7JDM
Vice-President.....John Byerly, N7ROJ
Treasurer.....Doug Edmondo, W7DBE
Secretary.....Anthony Marcin, W7XM
DirectorWes Vick, KG7QXE
DirectorJim Shepherd, W6US
DirectorBarry Bettman, K6ST

2022 Staff

Cracklin StaticHowie Holden, WB2AWQ
W7TA TrusteePeter DeBay, KE7VSR
KR7ENO Trustee.....Howie Holden, WB2AWQ
Control OperatorPat Sheehan, W7DED
Youth Involvement.....Barry Bettman K6ST
NVQSO Coordinator.....Jim Shepherd, W6US
HistorianJon Fox, KF7KTC
Tech Team LeadPat Sheehan, W7DED
MembershipKim Farnham, KG7TMA
PIOGreg Krantz, NT7Q
VE Coordinator.....Krystal Rhoades, AJ6GC
Meeting GreeterBill Jones, AE7OX
Noon Net ManagerWes Vick, KG7QXE
DMR Net ManagerAnthony Marcin, W7XM
Reno Ham SwapWes Vick, KG7QXE
WebmasterErik Andreasen, K6CZH
Club Sales Manager.....Vacant
Recording Secretary.....Doug Edmondo, W7DBE

Cracklin Static Publication

Editor: Howie Holden **WB2AWQ** - holden7471@msn.com
Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Cracklin' Static is published the week before meetings. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size, line spacing or other tools as may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday (or whichever Saturday is the meeting) of each month.

SNARS Wide Area Linked System

147.030 + PI 123.0	Sparks, Fernley, Fallon	Online
147.210 + PL 100.0	Reno, Sparks	Online
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	Online
146.925 -PL 123.0	Lovelock, Fallon	Online
146.670 -PL 123.0	Winnemucca	Online
444.875 + PL 100.0	Yerington	Not Linked
444.125 + PL 123.0	Reno Sparks	Offline

DMR Systems

444.925 + CC 1	Reno, Sparks	Online
444.825 + CC 1	Dayton, Fallon, Carson	Online
443.925 + CC 1	Lake Tahoe, Truckee, Carson	Online
443.950 + CC 1	Incline Village	Online
442.875 + CC 1	Sparks, Fernley, Fallon	Online
442.850 + CC 1	Downtown Reno	Online
441.950 + CC 1	Fallon, Fernley	Online

Fusion Systems

146.610—DGID 28	Reno, Carson, Dayton	Online
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IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	Not Linked
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Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	Online
145.050 - ROSE	Lake Tahoe, Truckee, Carson	Online
144.390 - TOULON	Lovelock, Fallon	Online

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	Online
443.075 + PL 123.0	Reno, Carson, Dayton	Online
927.0875 + PL 114.8	Reno, Carson, Dayton	Online

Online
 Offline
 Not Linked

Visit <https://snars.org/repeaters/analog> for additional updates/status on repeaters.

Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
 147.150 + PL123.0 – Lake Tahoe / Truckee
 147.210 + PL 100.0 - Reno
 444.875 + PL 100.0 - Yerington
 146.925 - 123.0 – Lovelock / Fallon
 146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open to all amateur radio operators. A general informational net for the amateur radio community of Northern Nevada and Eastern California. Radio Checks and Questions are welcomed.

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
 147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

SNARS Noon Net	Mon—Fri @ 12:00pm
ERC Net for NV and Northern CA	Monday @ 9:15pm
N. Western NV ARES Net	Thursday @ 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Weak Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

Join us on SNARS Telegram Channel



Telegram
a new era of messaging

Visit <https://snars.org/telegram>

Our official channel for members to communicate with each other via chat, ask questions and get the latest information about the club, repeater status and amateur radio events.



SNARS Weekly DMR Net

Tuesdays 8:00PM

SNARS Talk Group 31328

Open to Members and Guests. A general information net each week on DMR.

SNARS CALENDAR

SNARS Board Meeting Wednesday, November 9, 6:00PM. Location and mode Chin Chin, Sparks, and Zoom

Reno QRP Group Meeting Tuesday, November 20, 11am – 12pm, Jack's Coffee Shop #2, 605 N Wells Ave, Reno, NV. Contact Ed, WD7Y WD7Y@sbcglobal.net for more info. If cancellation is needed, will be announced on the SNARS noon net.

HAM RADIO NIGHT on Zoom 7:00 PM Monday, November 21, 2022 see <https://snars.org/hamradionight/>

Next months SNARS Breakfast Meeting, December 3 2022, 8 AM. Location and media mode tentative, depending on Board decision.

WELCOME NEW MEMBERS

As of 10-29-22

Jon	Asdourian	KK7APF
Joe	Fuess	KK7IYY
Alan	Jump	N5ILN
Mike	Hursh	AF6MH

SKYWARN_{tm} RECOGNITION DAY

SKYWARN_{tm} Recognition Day is a holiday that's observed annually on the first Saturday in December to commemorate the contributions that **SKYWARN_{tm}** radio operators make to the National Weather Service. **SKYWARN_{tm}** is a national network of volunteer severe weather spotters that are trained by the NWS and report instances of tornadoes, severe thunderstorms, hail, and flooding. In some parts of the U.S., these spotters also report on snowfall and ice accumulation in their local areas. <https://www.weather.gov/crh/skywarnrecognition>

It has been a while since we participated in SRD, so, let's see if we can have a great turnout like in years past. We can setup our equipment in the conference room and antennas outside. ARES has two sectioned guyed masts available; coax and whatever accessories need to be added, plus a laptop computer for logging (although that COULD be paper!) One to three stations



would be ideal, running primarily SSB on 40, 20, and/or 15 meters, in the General portion of the bands so that anyone can contact us (or any other modes shown below). Setup would be Friday before the event starts. We need someone to help coordinate the operation along with Bob WA6MTY wa6mtty@gbis.com. Time to run the station event would be determined by the operators.

SKYWARN_{tm} Recognition Day Operating Instructions

1. Object **SKYWARN_{tm} Recognition Day** serves to celebrate the contributions to public safety made by amateur radio operator Skywarn Spotters during threatening weather.

Amateur stations to exchange QSO information with as many National Weather Service Stations as possible on 80, 40, 20, 15, 10, 6, and 2 meter bands plus the 70 centimeter band. Contacts via repeaters are permitted.

Non-Amateur Radio Spotters to exchange weather information as often as possible via Social Media with NWS Offices.

2. Date NWS stations may operate at any time during December 5, 2022 from 0000 - 2400 UTC.

3. Exchange: Call sign, signal report, QTH, and a one or two word description of the weather occurring at your site ("sunny", "partly cloudy", "windy", etc.).

4. Modes: NWS stations will work various modes including SSB, FM, AM, RTTY, CW, and PSK31. While working digital modes, special event stations will append "NWS" to their call sign (e.g., NOA/NWS). NWS offices may also participate via Social Media platforms throughout the 24 hour period.

5. Station Control Operator: It is suggested that during SRD operations a non-NWS volunteer should serve as a control operator for your station.

6. Event and QSL Information: The National Weather Service will provide event information via the internet. Event certificates will once again be electronic and printable from the main website after the conclusion of SRD. SRD will take place at the National Weather Service near TMCC.

Let me know if you want to head this operation or participate. Wa6mtty@gbis.com

Member Benefit: SNARS ONLINE HAM SWAP

<https://snars.org/hamswap>

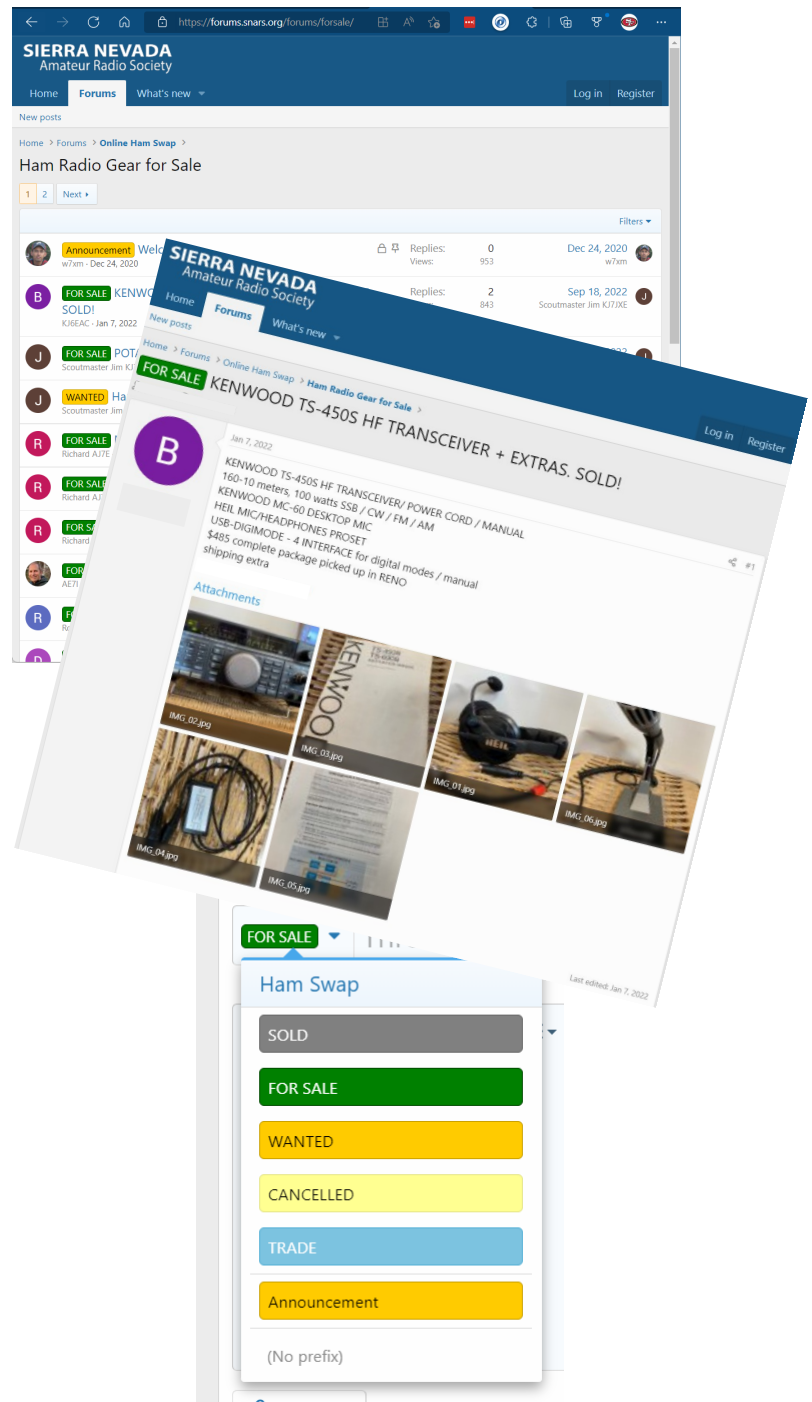
A SNARS members only benefit: We offer members a way to swap gear online and locally throughout the year. The online Ham Swap page provides members an option to list your gear, photos and descriptions for anyone to view.

You can find the swap page by either visiting <https://snars.org/hamswap> or locate the link at the top menu of the SNARS website labeled “Ham Swap”.

General Steps to posting a listing:

- 1.) Using your SNARS account (your_call@snars.org) click the Log in button at the top right. If you don't have a SNARS Account please request one to be set-up by sending an email to membership-team@snars.org.
- 2.) Click the “Post thread” button at top right.
- 3.) Select the post type “For Sale, Wanted, etc.” by clicking the down arrow button left of the title box.
- 4.) Type in a title for your items.
- 5.) Type in the message of any description of the items, condition of items and the best way to contact you. You may also post images of the items (recommended).
- 6.) Once you have completed the post click on “Post thread”.
- 7.) Your posting will now appear for all to view.

Note: you may visit the post anytime to update items and or change the status from for sale to sold by clicking the edit thread button under the three dots button and click edit thread, then click on the down arrow to choose the thread type to Sold or any other status.



If you have any questions about this member benefit please contact us at membershipteam@snars.org

SNARS In-Person and Virtual Monthly Meeting

**SNARS (hybrid in-person & virtual Zoom) Monthly Meeting
Saturday, November 5 , 2022**

In-Person 8 AM PDT (coffee and donuts)

SNARS Meeting at 9 AM both Zoom and in-person

In-Person @ Regional Public Safety Training Center (5190 Spectrum Blvd, Reno) - or - join us via Zoom

In Person location (no registration, just show up)

Regional Public Safety Training Center

5190 Spectrum Blvd, Reno

Room 103 & 105

3 TOPICS:

**#1 Pacificon SNARS Experiences
(WD6CHC Chuck),**

**#2 Pacificon ARRL Perspectives (W7XM
Tony)**

#3 Jota Experiences (K6ST Barry)



**MEETING
NOTICE!**

To join via Zoom, register here:

<https://us06web.zoom.us/meeting/register/tZ0lcOyrrT8vH9yjpPjH9bYqFAhUT5iRY1z9>

Questions? Contact Barry K6ST@arrrl.net

More Info In-Person / Register Zoom: <https://snars.org/monthly-meeting/>

THE NAME OF THE GAME

Jim Shepherd, W6US nvjims@gmail.com

SWEEPSTAKES!

No, you won't have some celebrity carrying an oversized check and a bouquet of balloons ringing your doorbell, but you will have fun. The ARRL Ham Radio Sweepstakes are this month. There are actually 2 sweepstakes, the weekend of November 5th is the CW Sweepstakes and the weekend of November 19 is the Phone contest. These are separate contests so you do not need to work both.

The objective of the contest is to work as many hams in as many ARRL and Canadian RAC sections as possible. There are 84 combined sections, and working all of them is called a "Clean Sweep". The contest is held on the 160, 80, 40, 20, 15 and 10 meter bands, and you can work a station only once. Your score counts only the contacts made during your first 24 hours of operation. Off times greater than 30 minutes do not count as operating time. If you go to bed at midnight and get up and start operating again at 6 Sunday morning, that is 6 hours off time so you can operate the entire rest of the contest...

You are only allowed to work your first 24 hours on the air for credit. Breaks must be at least 30 minutes to count as time off. If you happen to work over 24 hours, don't worry and continue logging—those extra contacts don't count for you, but they might help some other ham get his Sweep. The big computer at ARRL will calculate your operating time from your computer generated Cabrillo formatted log.

The CW contest starts at 2100 UTC on Saturday November 5 which is 1400 Pacific Daylight time, and ends at 0259 UTC on Monday, November 7 which is actually 1859 Pacific Standard time on Sunday evening. The Phone contest starts at 2100 UTC on Saturday November 19 which is 1300 Pacific Standard time, and ends at 0259 UTC on Monday, November 21 which is actually 1859 Pacific Standard time on Sunday evening.

The exchange is a little complicated and changes with each contact. It consists of a consecutive serial number, a precedence letter, your call sign, a check number and your ARRL section designator. Most computer contest logging programs will generate the serial number. The precedence letter describes your operation: "Q" is used for single operator QRP, "A" is for single operator low power, "B" is for single operator high power, "U" is for single operator unlimited, "M" is for Multi-Operator, and "S" is for School Club. The check number is the last two digits of the year you were first licensed. My Phone sent exchange would be like this: "VE7JW I copy 327 Bravo VE7JW 85 BC, please copy my 135 Alpha Whiskey Six Uniform Sierra 92 Nevada". I find it best to write the exchange down in large bold letters and post it at the bottom of my logging screen.

You can print out a list of all the sections and their proper abbreviations at <http://www.arrl.org/contest-sections-list>. This will help you enter the correct one into your logging program. This is the same list as we use for Field Day, the Nevada QSO Party, and I have laminated it back-to-back with the band plan <http://www.arrl.org/graphical-frequency-allocations> to make a handy reference. On voice, be prepared to clarify Nevada as "November Victor" for your contacts who

do not know our state's abbreviation.

In a change from earlier years, you must send in your log within 7 days from the end of the contest. They really would prefer that you use the [web entry](#) for your electronic log as they can be immediately loaded into their computer. All logs must be uploaded or post-marked by 0259 UTC on November 14 for the CW contest or 0259 UTC on November 28. For those who do not have a computer contest logging program, you can get one for free from <https://n1mmwp.hamdocs.com/getting-started/downloading-the-software/>. The N1MM program is one of the best around and the price is right!

Strategy? During the daylight hour concentrate on 10 and 15 meters if they are open. Late afternoon and after dark 160, 80 and 40 will be your best bets, especially to get the contiguous states that the higher frequencies skip right over. 20 meters is usually good during the day and well into the darker periods. If you are breaking pileups and having everyone you call come right back, consider 'camping' on a frequency and calling CQ. Nevada is one of the rarer states, and especially early on and near the end, lots of hams will be looking for us as a multiplier. Listen to the pile-ups and if you are hearing the called station well, give 'em a try, especially if they are from one of the rarer sections. Northwest Territories, the Maritimes, Maine, Eastern Washington, Northern New York, Newfoundland, Maine and Nevada are some of harder to get sections. On 10 meters it is hard to get most of California, Oregon, and Idaho, so if you hear one, go for it!

Even if you are not serious about running the contest, this is a good opportunity to pick up some states for the Worked All States award as there will be lots of activity. Be sure to know your proper exchange to make the operator on the other end happier! If you are not interested in contesting, the WARC bands will be free of contest activity and will probably have some good DX as the DX stations are not part of this contest.

Any participation can help other operators and even the SNARS club, so go ahead and send in your log to both the contest and Logbook of the World. Your contest entry should list "Sierra Nevada ARS" as your club so we will show up in the listings. Also, posting your scoring summary to 3830scores.com is a good way to compare your efforts against others as it will be a few months until the ARRL posts the results.

Complete rules and other information can be found at <http://www.arrl.org/sweepstakes>. If you haven't already done so, ***please let me know if you are going to enter this contest a couple of days BEFORE the start of the contest as I will need your callsign and 6 digit grid zone to get you on the list that I have to send to the ARRL before the start of the contest...*** If you have additional questions, feel free to contact me at nvjims@gmail.com any time except the day before and during the Phone Contest when I will be on the air with the internet and my phone shut off!

Last year's results can be found at:
<https://contests.arrl.org/>

MIKE'S MISSIVES CHAPTER SEVENTY

Mike Katz, N7MSK

§97.107 Reciprocal operating authority.

A non-citizen of the United States ("alien") holding an amateur service authorization granted by the alien's government is authorized to be the control operator of an amateur station located at places where the amateur service is regulated by the FCC, provided there is in effect a multilateral or bilateral reciprocal operating arrangement, to which the United States and the alien's government are parties, for amateur service operation on a reciprocal basis. The FCC will issue public announcements listing the countries with which the United States has such an arrangement. No citizen of the United States or person holding an FCC amateur operator/primary station license grant is eligible for the reciprocal operating authority granted by this section. The privileges granted to a control operator under this authorization are:

(a) For an amateur service license granted by the Government of Canada:

- (1) The terms of the *Convention Between the United States and Canada* (TIAS No. 2508) *Relating to the Operation by Citizens of Either Country of Certain Radio Equipment or Stations in the Other Country*;
- (2) The operating terms and conditions of the amateur service license issued by the Government of Canada; and
- (3) The applicable rules of this part, but not to exceed the control operator privileges of an FCC-granted Amateur Extra Class operator license.

(b) For an amateur service license granted by any country, other than Canada, with which the United States has a multilateral or bilateral agreement:

- (1) The terms of the agreement between the alien's government and the United States;
- (2) The operating terms and conditions of the amateur service license granted by the alien's government;
- (3) The applicable rules of this part, but not to exceed the control operator privileges of an FCC-granted Amateur Extra Class operator license; and

(c) At any time the FCC may, in its discretion, modify, suspend or cancel the reciprocal operating authority granted to any person by this section.

SHORT TAKES (By Jim Shepherd W6US)

WILL RETURN NEXT MONTH!

NAME THAT RIG?

(Answer on page 12)



YOUTH INVOLVEMENT

SNARS helped local scouts get on the air for the recent JOTA Scouting Event on Oct 15, 2022. We had great success with about 35 scouts and adults.

Brian KJ6EAC talking on 20M with other scouts for Jam-boree on the Air



Scout leader Tim Beeler, KM6MYK explaining how his large solar panels work

Any questions to help out the youth, please contact:

Barry K6ST k6st@arri.net
Nevada Section Youth Coordinator
ARRL (American Radio Relay League) www.arri.org
The national association for amateur radio

SNARS HAM RADIO NIGHT

3rd Monday of each month at 7PM PT on Zoom
Join together and Elmer each other for Ham Radio
Night on
MONDAY, NOVEMBER 21, 2022, 7PM

The topic smaller breakout groups will be:

POTA/SOTA **VHF/UHF Analog** **DMR/Fusion**
Open conversation for your ham radio topics

Each participant can move themselves around to different breakout topics in zoom conferencing to enjoy.

If you have any questions or would like to be of service as an Elmer, please contact K6ST Barry k6st@arri.net



Register below for our next Ham Radio Tech Night, SNARS (virtual on Zoom conferencing) Oct. 17, 2022, 7:00PM PST
<https://us06web.zoom.us/meeting/register/tZEIce-urT4qHN2gNtec8eY0Cr2aS1nUscxk>

W7SSB's FUN STUFF

LOW POWER (QRP) ANTENNA TUNERS



There are many options for the ham that operates with low power. Whether portable or base operations, choices for tuners are many. From kits to manual to auto tuners. Some are basic and simple to operate, some like the **MFJ 9219** have built in swr/wattmeter and dummy load.

MFJ has many QRP tuners depending on your needs and options you are looking for.

<https://mfjenterprises.com/>

There are tuner kits such as the **QRPGuys 40m-10m Multi-Z Tuner**.

<https://qrpguys.com/multi-tuner>



Another antenna tuner kit that is made in Spain is **EA3GCY Ham Radio QRP Kits**.

<https://www.qrphamradiokits.com/tuners/ilertenna/>



Even Walmart has several antenna tuner kits.

<https://www.walmart.com/c/kp/ham-radio-antenna-tuners>



One of the most popular that has been around for years is the **EMTECH ZM-2** in both finished and kit models. You can choose BNC or SO 239 fittings.

<https://steadynet.com/emtech/>
Great tuner!

Another tuner that has gained popularity is the **mAT-10 Tuner** that Vibroplex is importing. <http://www.vibroplex.com/contents/en-us/d9168.html>



Not to be forgotten is the **AH-705** from Icom for the IC-705 transceiver.

<https://www.icomjapan.com/lineup/options/AH-705/>

LDG has been making high quality tuners for years. Their **LDG Z-817 QRP Autotuner** is one of the best selling tuners and can be used with other QRP transceivers.

<https://www.hamradio.com/detail.cfm?pid=H0-009735>

(one of many links on this tuner, just Google it!ed.)



The reason for this article is to show that there are many tuner options for the low power user. I did not list the several Chinese, both manual and auto, tuners that are on the internet. There are many videos on the internet on how to use both the manual and auto tuners. Please read the instruction manual before using. Companies spend a lot of time creating the manuals to make using their products easier....

Most of the tuners cover 80 -10 meters, while some cover additionally 160 and/or 6 meters. Please read the specifications before you buy.

Stay tuned!
Don W7SSB

ARES NEWS

EVENTS CALENDAR

EVENT 2022	DATE	DATE END	SPONSOR/ORGANIZER	COORDINATOR	CONTACT
Grinduro SBTS	TBD		Plumas Amateur Radio Ops	Larry Trotter KI6YUK	dltrotter@sbcglobal.net
Sparks Turkey Trot	11/24/22		WC-ARES	Bob Miller WA6MTY	wa6mty@gbis.com

NOTE: Plumas ARC always have a need for operators. Go over to some beautiful country and help out the Plumas Amateur Radio Club

What: SCHEELS TURKEY TROT 2022

Where: Scheels• 1200 Scheels Dr Sparks, NV 89434

When: Thanksgiving Day Nov 24, 2022 0800 to 1200

Organizer: City of Sparks Parks and Recreation

Coordinators: Tanja Ramociotti and Shauna Nelson

THEIR MISSION:

Add a twist to your Thanksgiving tradition by participating in the Scheels Turkey Trot run/walk event. It's a great way to get some exercise while giving back to the community. Whether you're an avid runner coming out for the 10K or simply looking to take a 2-mile untimed walk or run around the Sparks Marina, the Scheels Turkey Trot is also a fun kick off to the holiday season.

The Thanksgiving Day event starts at 8:30 a.m. in the parking lot of Scheels. Participants can choose to do either the 10K run or the two-mile untimed walk or run around the Sparks Marina. The 10K, which equates to a little more than six miles, uses city streets, as well as the local bike path.

OUR MISSION:

To provide clear, concise communications between Water Station Captains and Event Coordinators and Emergency Responders. To ensure a safe and enjoyable event and to support the awareness and growth of Amateur Radio in the community. In years past before we started helping, there was no way for the Finish line volunteers to know there were still runners/walkers on the course so they would close the Finish Line prematurely. We will have a mobile team member assigned to follow behind the last participants.

Bob Miller WA6MTY

Emergency Coordinator for Washoe County

Amateur Radio Emergency Service

775 843-5952

www.wcares.us

wa6mty@gbis.com

FUN STUFF FOR OCTOBER

November is notable by the absence of ANY state QSO parties. (QSO party organizers take note....) but it DOES have three ARRL contests: the Sweepstakes CW, the EME, and Sweepstakes SSB. Note also there are two of my favorites (editorial privilege...), the Antique Wireless 1929 QSO party on the 12th, and the—not really my favorite but gotta plug it—ClassicExchange phone on the 13th.

5 Nov 2100 to 7 Nov 0300 1.8-28 ARRL Sweepstakes Contest, CW
www.arrl.org/sweepstakes

12 Nov 0000 to 13 Nov 2359 50-1296 ARRL EME Contest CW, Ph, Dig
www.arrl.org/eme-contest

12 Nov 0000 to 13 Nov 2359 3.5-28 WAE DX Contest, RTTY
www.darc.de

12 Nov 0700 to 13 Nov 1300 1.8-28 JIDX Phone Contest Ph
www.jidx.org

12 Nov 2300 to 21 Nov 0300 1.8-14 AWA Bruce Kelley 1929 QSO Party CW
<https://www.antiquewireless.org/homepage/bruce-kelley-1929-qso-party/>

13 Nov 1400 to 16 Nov 0800 1.8-28, 50, 144 Classic Exchange, Phone
www.classicexchange.org

19 Nov 2100 to 21 Nov 0300 1.8-28 ARRL Sweepstakes Contest, SSB
www.arrl.org/sweepstakes

26 Nov 0000 to 27 Nov 2359 1.8-28 CQ Worldwide DX Contest, CW
www.cqww.com

Check out the rest here:
<http://www.arrl.org/files/file/Contest%20Corral/2022/November%202022%20Corral.pdf>

If you're not into contests, there's always DX to chase! November offers some impressive goodies - Africa, Pacific islands, Thailand, the South Atlantic, and more. So much DX, so little time.

Nov 01 to Nov 30	Thailand	HS0ZME
Nov 01 to Nov 15	Banaba I	T33T
Nov 02 to Nov 07	Lesotho	7P8CW
Nov 02 to Nov 14	Palau	T88WA
Nov 02 to Nov 20	Tonga	A35GC
Nov 03 to Nov 06	Tanzania	5H2JC
Nov 05 to Nov 26	St Helena	ZD7CA
Nov 12 to Nov 26	Central African Rep	TL8AA

Check <https://www.ng3k.com/Misc/adxo.html> for updates on DXpeditions to make sure they're still a go and see other listings, there are a bunch this month!

RENO QRP SLOW SPEED CW NET

NEXT NET SESSIONS (two of them) WILL BE November 3 and 17, at 11 AM Pacific. (NOTE TIME CHANGE). Check with WD7Y@sbcglobal.net to confirm times. Target frequency 7.045 MHz, if busy search somewhere near that frequency.

THE FOLLOWING SHOULD ALWAYS BE IN YOUR REPORT:

NAME, RST, LOCATION, RIG, POWER, ANTENNA.

REMEMBER TO INCLUDE RST IN YOUR REPORT

Feel free to add something else in your exchange.

Take some time to report RST for other OP's or anything else that comes to mind.

Sharing information about you and your equipment will accomplish two things.

First It gives you and everybody else practice sending and copying.

Second It is nice to spend time on the air with your friends. Consider this a QRP meeting on the air.

Relax and have some airtime fun with your friends.

73/72 Ed/WD7Y

NAME THAT RIG (from page 8)

If you had guessed this was a **Hallicrafters S-38** model, you'd be CLOSE but wrong. This is what may be the first HF transceiver in the modern sense available to the Amateur market. This is the **Hallicrafters SR-75**, introduced in 1950. The **SR-75** incorporated circuitry similar to the S-38 series of receivers, plus a 10 watt input crystal-controlled transmitter that used the audio output stage as the RF amp stage for transmitting. Even though it combined part of the circuit for both transmitting and receiving, Hallicrafters called it a transmitter-receiver. The **SR-75** used 6 tubes in total, three for receiving only, one for transmitting only, and one for double duty, plus a rectifier tube. It also contained no transformer, being of the "AC-DC" type set, also known as a "killer" radio owing to the fact that if the plug were inserted into the AC socket one way, and you managed to touch both the chassis or something connected to it, and a ground, you could conceivably be electrocuted. Given it used the basic circuitry of the S-38 series receivers, it wasn't very good in the receiving department, either in sensitivity or selectivity, especially on the upper bands. But at the introductory price of \$79.95, and with its small size, it was a quick and inexpensive way for Novice operators to get on the air. The transmitter controls were on the back, not very convenient, but if that's all you could afford, you probably didn't have too many crystals either. Interestingly, VHF transceivers were available at least 15 years before the **SR-75**, but they were an entirely different breed, the general design not suitable for HF. Very few **SR-75s** exist today, but they were a harbinger of things to come.

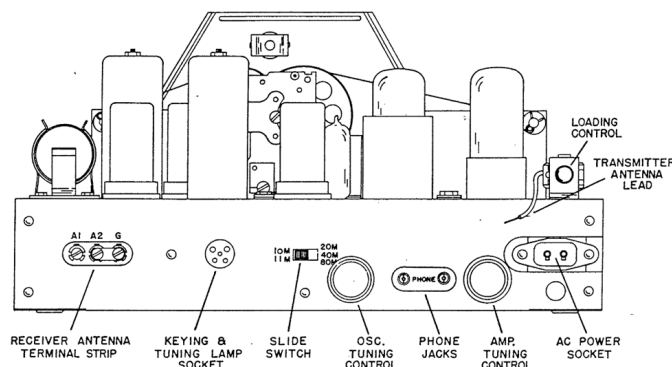


FIG. 2. REAR VIEW, CONTROLS AND CONNECTIONS

Rear view of the SR-75 showing various transmitter controls and connections on the back of the set

NEW FEATURE! SNARS STATION ACTIVITIES

NEW HAM OBSERVATIONS

It sure seems like I chose a good time to become a ham.

There were a lot of things that initially interested me in ham radio, Emergency preparedness, community service and the challenge of learning something new were like the fish hook that drew me in. I enjoyed the process of studying for my Technician license as hard as it seemed at the time.

I enjoyed first listening to 2 meter nets in the area and the way they operated and eventually I chimed in. At first I was a huge failure. I could break the repeater but alas no voice was heard (sorry Jim). I learned that my little 5 watt HT with a tiny antenna was just not going to cut it. Eventually that misstep was fixed and I got to take part in nets and learned that ham radio guys and gals are really an awesome bunch of people.

Next I put some equipment together so I could talk to more people at greater distances and started studying for my General and passed. Wow, now I can talk all over the World and have. I have met some amazing people through ham radio and each one has brought something new and exciting to the table. And that brings me to the reason for this note. Recently I participated in the Nevada State QSO Party. I didn't know a darn thing about QSO Parties or contests so again this was a learning experience. But I had fun and survived and made more friends, but most of all I had a blast.

I asked to be able to help out with the SNARS noon net when they needed a backup and that happened.

Now I am learning about POTA (Parks on the Air) and SOTA (Summits on the Air). Again I am learning and having fun and meeting some really great people. There are people that I talk to almost daily that are teachers and encouragers and leaders. The bands are changing, it appears and everyone is excited.

Yes it sure seems like I chose a good time to be a ham and I thank SNARS and all those new friends I have met on my journey. I hope I have encouraged new or experienced hams to try something new or to maybe become more active in the club.



Hope to catch you on the air soon.
73, Don KK7BKW

UNEXPECTED EFFECT OF FIELD DAY

During Field Day 2022, operating from our house in Reno (WB2AWQ and KB2SFS running 2D) I worked station KM7SC on CW. That call sign MAY be familiar. The Spring Creek Middle School in Elko County was featured in Barry K6ST's column "Youth Involvement" in the April and May editions of Cracklin' Static. Being the Editor of CS, I was well familiar with the call sign, so working them during Field Day was a nice treat. I decided to send the station a QSL, and just a few days ago I got one in return. Thought I'd share the QSL with readers of CS, along with some pix from their QRZ.com page. Note on the back of the QSL that some of the students are learning CW and getting ready for the FCC test. How cool is that? And thanks to Barry for letting SNARS know about the good works being done in Spring Creek! 73, Howie WB2AWQ

KM7SC

14650 Lamoille Hwy.
Spring Creek, NV 89815



Spring Creek Middle School Radio Class

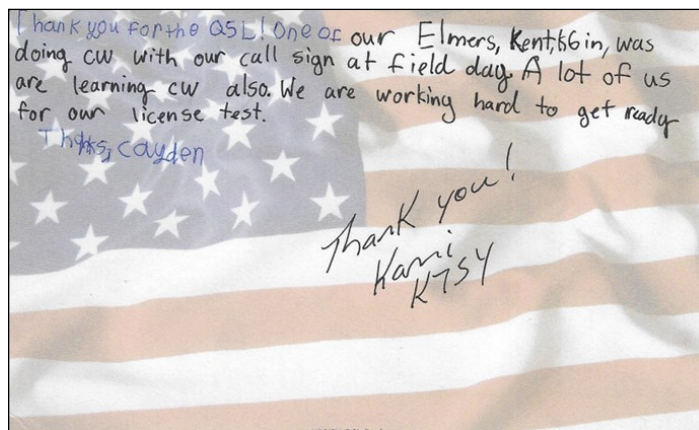


K7SY
Karni Hamilton,
Teacher

Confirming QSO with: WB2AWQ

RADIO	DATE	UTC	MHz	MODE	RST
991A	6-25-22	19:23	9	CW	579

Pse QSL YNS 73.



Two pix from their QRZ page, showing the large group of students in the Radio Club at Spring Creek, and their station. Both pix are actually on their QSL card, but the card wouldn't reproduce the photos well, so I took them from QRZ.



SNARS Station Activities continued next page.....

SNARS STATION ACTIVITIES continued

SNARS POTA Gathering success on 10-16-2022 at Washoe Lake State Park POTA K-2640



Several hams checking out the KJ6EAC Brian's "Parks on the Air" antenna systems: 66' end-fed half-wave connected to a homebrew 49:1 unun.



Way off in the distance KN6IWN Bobby had a set of colorful helium balloons connected to a lightweight 100' wire which he worked about 15 qso's on 20m. Check out his video: WASHOE LAKE STATE PARK Helium Balloon Antenna with 100' wire! <https://www.youtube.com/watch?v=y-FE2kXsZNs>

For more info about POTA visit

<https://parksontheair.com/> 73, K6ST Barry k6st@arrl.net



Board of Directors Meeting Agenda

October 19, 2022 - 6:00PM

At Chin Chin plus Zoom

1. Call to order and roll call at 6:00 PM

Board of Directors:

Anthony Marcin, W7XM	P	Barry Bettman, K6ST	P	John Miller, N7JDM	P
Doug Edmondo, W7DBE	P	John Byerly, N7ROJ	P	Wes Vick, KG7QXE	P
Jim Shepherd, W6US	P				

Guest(s) In attendance: None

2. Approval of Minutes - Discussion/Action

The September minutes were approved

3. Approval of Agenda - Discussion/Action

The October Agenda was approved. Note, the originally schedule date of October 12th was changed to the 19th to obtain a quorum.

4. Reports

A. President's Report – Nothing official to report

B. Secretary Report – 435 Members, no other official business.

C. Treasurer – September 2022 End of Month, Operating: \$10,115, Savings: \$12,6644, Self Insurance: \$15,750, Paypal: \$1,390, Convention: \$4,212. Net Monthly: \$579 net YTD: -\$3,108. Membership Renewals 24, Donations year to date \$4,797 (Amazon \$149, Members \$4,580, Paypal \$68,)

Notes:

- Transferred \$1,200 from PayPal to Operating.
- Transferred \$240 from Operating to Self Insurance.
- Transferred \$120 from Operating to Savings.
- All ARRL outstanding memberships were renewed and ARRL sent us \$55.00 (in Oct) for membership commissions.

D. Technical Team – Pat / John

Repeater Upgrade – Bill picked up two repeaters, John will deliver to Pat for programming and will push to get installed be

E. Events

1. NVQSO Party – Good show, 162 logs, 25 from NV, Jim working to pull in the rest. Trying to have scores out by Thanks giving.
2. Sweepstakes and DX contests coming up in a week and a half

F. Education & Youth Activities

1. October 15th it Jamboree on the air – Great Albert Church. Good turnout, about 35 Kids were there. Barry et al supported
2. The October 28th to the 30th is a Scouting STEM activity at the Livestock Event Center that we are planning for.
3. Another POTA event on October 16th Location. Went well, had about 4 to 5 people signed up, including HAMS from Redrock and Carson areas.
4. For November, POTA, JOTA and Pacific Con. Chuck Farnham and Tony Marcin to outbrief.

G. Noon Net - Noon Net Manager

Nothing to report, all good.

5. Old Business

- A.** In Person Meetings – Status Update; Boomtown, nothing is available this year. Trying to get other quotes which are coming in very high.
- B.** Club Swag – Status Update – Nothing new
- C.** Out door Club event – Spring 2023 (May or June or run with swap meet?) - Barry is doing some research. Potentially combine with Swap meet.
- D.** Spring Swap Meet, tentative date May 13th
- E.** Jim noted he sent a potential list of Tech Team members in last month. John Byerly mentioned that Greg Stefancik is doing well on Ophir and Davidson.

6. New Business

- A.** Upcoming Election - Tony sent requests for nominations out. Getting some replies in.
- B.** Noted that the DMR system in Tahoe is up but wasn't reported. Discussed the situation, potentially an email got missed.
- C.** Wes mentioned that Dan Weinberg (DX Engineering, WB7OXP) indicated that DX Engineering would like to sponsor the club. Tony to reach out.

7. Board member and Public Comments

John B. - Nothing

Doug E. - Noted that in his other volunteer groups there is a general malaise with few members stepping up to assist.

Jim S. - Happy with NVQSO party participation

Wes V. - Asked about valid nominations, John M. to ask Tony.

Tony M. - Nothing

Barry B. - Researching a holiday get together.

John M. - Nothing

8. Adjournment - Action

- A.** Next Meeting: November 9th, 2022. Location Chin Chin plus Zoom
- B.** Adjourned at 19:00